

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

TH-610 at East River Rd, South Ramps

Ref.Pt.: 010.672

Alliant Eng.

TURN MOVEMENT COUNT

File Name : 301\_TH 610 & East River Rd S Ramp

Site Code : 301

Start Date : 3/8/2016

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	East River Rd / CSAH-1 Southbound				TH-610, South Ramps Westbound				East River Rd / CSAH-1 Northbound				TH-610, South Ramps Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
06:00	0	65	0	0	0	0	0	0	0	29	0	0	26	0	34	0	154
06:15	1	128	0	0	0	0	0	0	0	38	0	0	41	0	50	0	258
06:30	4	144	0	0	0	0	0	0	0	78	0	0	60	0	73	0	359
06:45	5	147	0	0	0	0	0	0	0	77	0	0	64	0	62	0	355
Total	10	484	0	0	0	0	0	0	0	222	0	0	191	0	219	0	1126
07:00	3	166	0	0	0	0	0	0	0	91	0	0	104	0	66	0	430
07:15	9	168	0	0	0	0	0	0	0	126	0	0	107	0	96	0	506
07:30	3	161	0	0	0	0	0	0	0	78	0	0	124	0	98	0	464
07:45	5	150	0	0	0	0	0	0	0	109	0	0	144	0	111	0	519
Total	20	645	0	0	0	0	0	0	0	404	0	0	479	0	371	0	1919
08:00	4	82	0	0	0	0	0	0	0	81	0	0	82	0	68	0	317
08:15	1	78	0	0	0	0	0	0	0	59	0	0	73	0	54	0	265
08:30	3	61	0	0	0	0	0	0	0	75	0	0	83	0	65	0	287
08:45	2	86	0	0	0	0	0	0	0	89	0	0	106	0	53	0	336
Total	10	307	0	0	0	0	0	0	0	304	0	0	344	0	240	0	1205
09:00	5	63	0	0	0	0	0	0	0	81	0	0	75	0	31	0	255
09:15	2	63	0	0	0	0	0	0	0	110	0	0	72	0	48	0	295
*** BREAK ***																	
Total	7	126	0	0	0	0	0	0	0	191	0	0	147	0	79	0	550
*** BREAK ***																	
10:30	0	35	0	0	0	0	0	0	0	76	0	0	68	0	38	0	217
10:45	4	25	0	0	0	0	0	0	0	63	0	0	68	0	35	0	195
Total	4	60	0	0	0	0	0	0	0	139	0	0	136	0	73	0	412
11:00	1	40	0	0	0	0	0	0	0	92	0	0	71	0	27	0	231
11:15	1	39	0	0	0	0	0	0	0	80	0	0	61	0	34	0	215
11:30	1	39	0	0	0	0	0	0	0	76	0	0	62	0	17	0	195
11:45	2	42	0	0	0	0	0	0	0	85	0	0	77	0	30	0	236
Total	5	160	0	0	0	0	0	0	0	333	0	0	271	0	108	0	877
12:00	3	39	0	0	0	0	0	0	0	100	0	0	59	0	43	0	244
12:15	2	58	0	0	0	0	0	0	0	110	0	0	101	0	31	0	302
12:30	0	52	0	0	0	0	0	0	0	106	0	0	88	0	39	0	285
12:45	1	37	0	0	0	0	0	0	0	101	0	0	73	0	46	0	258
Total	6	186	0	0	0	0	0	0	0	417	0	0	321	0	159	0	1089
13:00	3	49	0	0	0	0	0	0	0	95	0	0	81	0	40	0	268
13:15	1	42	0	0	0	0	0	0	0	82	0	0	73	0	48	0	246
*** BREAK ***																	
Total	4	91	0	0	0	0	0	0	0	177	0	0	154	0	88	0	514
*** BREAK ***																	
14:30	0	63	0	0	0	0	0	0	0	214	0	0	157	0	51	0	485
14:45	2	48	0	0	0	0	0	0	0	180	0	0	146	0	53	0	429
Total	2	111	0	0	0	0	0	0	0	394	0	0	303	0	104	0	914
15:00	3	56	0	0	0	0	0	0	0	191	0	0	180	0	60	0	490
15:15	1	50	0	0	0	0	0	0	0	196	0	0	163	0	63	0	473
15:30	0	83	0	0	0	0	0	0	0	241	0	0	164	0	54	0	542
15:45	0	68	0	0	0	0	0	0	0	314	0	0	219	0	57	0	658
Total	4	257	0	0	0	0	0	0	0	942	0	0	726	0	234	0	2163
16:00	1	54	0	0	0	0	0	0	0	306	0	0	220	0	62	0	643
16:15	0	64	0	0	0	0	0	0	0	366	0	0	251	0	67	0	748
16:30	1	51	0	0	0	0	0	0	0	412	0	0	267	0	46	0	777

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Groups Printed- Vehicles - Trucks

Start Time	East River Rd / CSAH-1 Southbound				TH-610, South Ramps Westbound				East River Rd / CSAH-1 Northbound				TH-610, South Ramps Eastbound				Int. Total
	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	Left	Thru	Rght	Other	
16:45	1	76	0	0	0	0	0	0	0	357	0	0	240	0	72	0	746
Total	3	245	0	0	0	0	0	0	0	1441	0	0	978	0	247	0	2914
17:00	0	63	0	0	0	0	0	0	0	343	0	0	281	0	72	0	759
17:15	1	58	0	0	0	0	0	0	0	351	0	0	230	0	51	0	691
17:30	1	57	0	0	0	0	0	0	0	263	0	0	206	0	48	0	575
17:45	0	37	0	0	0	0	0	0	0	244	0	0	179	0	54	0	514
Total	2	215	0	0	0	0	0	0	0	1201	0	0	896	0	225	0	2539
Grand Total	77	2887	0	0	0	0	0	0	0	6165	0	0	4946	0	2147	0	16222
Apprch %	2.6	97.4	0	0	0	0	0	0	0	100	0	0	69.7	0	30.3	0	
Total %	0.5	17.8	0	0	0	0	0	0	0	38	0	0	30.5	0	13.2	0	
Vehicles	76	2768	0	0	0	0	0	0	0	5948	0	0	4812	0	2045	0	15649
% Vehicles	98.7	95.9	0	0	0	0	0	0	0	96.5	0	0	97.3	0	95.2	0	96.5
Trucks	1	119	0	0	0	0	0	0	0	217	0	0	134	0	102	0	573
% Trucks	1.3	4.1	0	0	0	0	0	0	0	3.5	0	0	2.7	0	4.8	0	3.5

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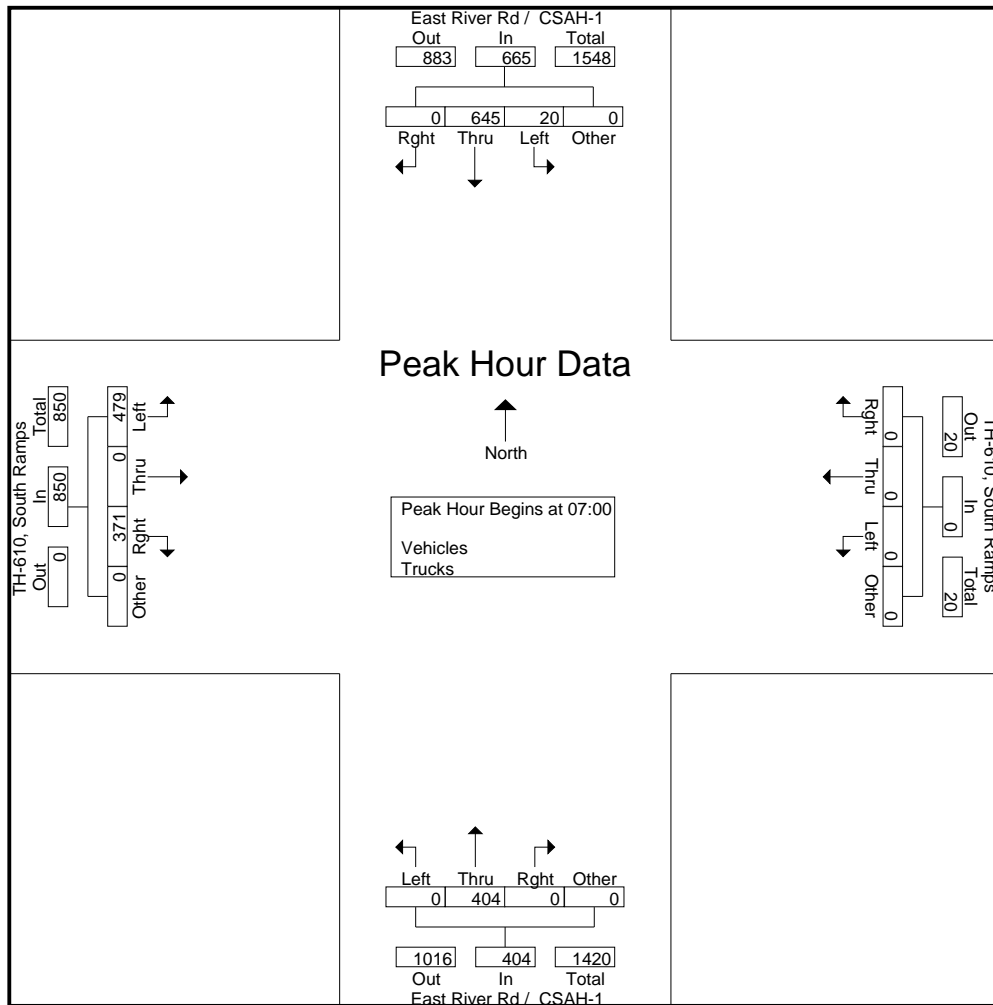
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Start Time	East River Rd / CSAH-1 Southbound					TH-610, South Ramps Westbound					East River Rd / CSAH-1 Northbound					TH-610, South Ramps Eastbound					Int. Total
	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	Left	Thru	Right	Other	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	3	166	0	0	169	0	0	0	0	0	0	91	0	0	91	104	0	66	0	170	430
07:15	<b>9</b>	<b>168</b>	0	0	<b>177</b>	0	0	0	0	0	0	<b>126</b>	0	0	<b>126</b>	107	0	96	0	203	506
07:30	3	161	0	0	164	0	0	0	0	0	0	78	0	0	78	124	0	98	0	222	464
07:45	5	150	0	0	155	0	0	0	0	0	0	109	0	0	109	<b>144</b>	0	<b>111</b>	0	<b>255</b>	<b>519</b>
Total Volume	20	645	0	0	665	0	0	0	0	0	0	404	0	0	404	479	0	371	0	850	1919
% App. Total	3	97	0	0		0	0	0	0	0	0	100	0	0		56.4	0	43.6	0		
PHF	.556	.960	.000	.000	.939	.000	.000	.000	.000	.000	.000	.802	.000	.000	.802	.832	.000	.836	.000	.833	.924



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	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	Left	Thru	Rght	Other	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	0	64	0	0	64	0	0	0	0	0	0	366	0	0	366	251	0	67	0	318	748
16:30	1	51	0	0	52	0	0	0	0	0	0	412	0	0	412	267	0	46	0	313	777
16:45	1	76	0	0	77	0	0	0	0	0	0	357	0	0	357	240	0	72	0	312	746
17:00	0	63	0	0	63	0	0	0	0	0	0	343	0	0	343	281	0	72	0	353	759
Total Volume	2	254	0	0	256	0	0	0	0	0	0	1478	0	0	1478	1039	0	257	0	1296	3030
% App. Total	0.8	99.2	0	0		0	0	0	0		0	100	0	0		80.2	0	19.8	0		
PHF	.500	.836	.000	.000	.831	.000	.000	.000	.000	.000	.000	.897	.000	.000	.897	.924	.000	.892	.000	.918	.975

